

LCD Projectors

Specifications						
Model name	CP-X5555	CP-X5550	CP-WX5505	CP-WX5500	CP-WU5505	CP-WU5500
Display system	3LCD					
Display device	Size of effective display area	0.63" LCD x 3	0.59" LCD x 3	0.67" LCD x 3		
	Number of pixels	786,432 pixels (1,024 horizontal x 768 vertical)	1,024,000 pixels (1,280 horizontal x 800 vertical)	2,304,000 pixels (1,920 horizontal x 1,200 vertical)		
Lens	Zoom	Manual (x1.6)			Manual (x1.7)	
	Focus	Manual				
	Lens shift	Manual (V, H)				
Light source	300W (high pressure mercury lamp)					
Screen size	30 - 300 inch					
Light output (Brightness)	5,800lm		5,200lm			
Contrast ratio (full white / full black)	10,000 : 1 (Picture mode: DYNAMIC, Active iris: PRESENTATION)					
Speaker	16W x 1 (mono)					
Displayable scanning frequency	Horizontal	31.5 - 106kHz				
	Vertical	56 - 120Hz				
Terminals	COMPUTER IN 1	Mini D-sub 15-pin connector x 1				
	MONITOR OUT	Mini-D-sub 15-pin connector x 1				
	VIDEO	RCA connector x 1				
	HDBaseT	RJ-45 connector x 1	-	RJ-45 connector x 1	-	RJ-45 connector x 1
	HDMI IN	HDMI connector x 2 (HDCP compliant) * HDMI IN1 supports MHL input.				
	HDMI OUT	HDMI connector x 1 (HDCP compliant)				
	AUDIO IN	3.5mm (stereo) mini connector x 1 / 2 RCA connector (L, R) x 1				
	AUDIO OUT	3.5mm (stereo) mini connector x 1				
	CONTROL IN (RS-232C)	D-sub 9-pin connector x 1				
	LAN	RJ-45 connector x 1				
	WIRELESS	USB type A x 1 (Used for optional wireless network)				
	REMOTE CONTROL IN	3.5mm (stereo) mini connector x 1				
	REMOTE CONTROL OUT	3.5mm (stereo) mini connector x 1				
	Operating temperature	0 - 40°C * (32 - 104°F) at altitude of 0 - 1,600m (0 - 5,249ft)				
0 - 35°C (32 - 95°F) at altitude of 1,600 - 3,048m (5,249 - 10,000ft)						
Power requirements	* When the ambient temperature exceeds 35°C, the brightness of the lamp is reduced automatically.					
	AC100 - 120V (50Hz / 60Hz), 4.4A AC220 - 240V (50Hz / 60Hz), 2.2A					
Power consumption	AC100 - 120V : 440W AC220 - 240V : 420W					
Standby mode power consumption	Less than 0.5W at saving mode					
Standard outside dimensions (WxHxD)	466mm x 138mm x 337mm (18.3" x 5.4" x 13.3")		466mm x 138mm x 339mm (18.3" x 5.4" x 13.3")			
	460mm x 138mm x 334mm (18.1" x 5.4" x 13.1")		460mm x 138mm x 334mm (18.1" x 5.4" x 13.1")			
(Excluding protruding parts)		(Excluding protruding parts)				
Weight	Approx. 6.8kg (15.0lbs.)		Approx. 7.1kg (15.7lbs.)			
Accessories	Remote control with batteries, Power cord, Computer cable, Lens cover, Adapter cover, Terminal cover (for CP-X5555, CP-WX5505, CP-WU5505 only), Application CD, User's manual (Book, CD-ROM), Security label, Hook metal, Screw, Cable tie, HDMI cable holder					
Optional parts	Lamp	DT01931				
	Filter set	UX41161				
	Mounting accessories	HAS-9110 (Bracket for fixing mount), HAS-104S (Slim adapter for fixing mount), HAS-204L (Standard adapter for fixing mount), HAS-304H (Long adapter for fixing mount)				
		USB wireless adapter				
	Remote Control (with the wired remote terminal)	RC-R104				

Environment	
<ul style="list-style-type: none"> ▶ Compliance with EU Directive RoHS¹ ▶ Reduction of resin usage in production Use of hot runners in molds for making upper housing in order to reduce mill ends. ▶ Reduction of CO₂ emissions Carton volume has been cut down to 76%, reducing CO₂ emissions during transport. ▶ Power saving mode engaged during standby ▶ Eco mode Eco mode provides power saving. 	<p>¹ RoHS is the acronym of "Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment".</p> <p>² Compared to Hitachi CP-X8150J projector on the basis of one carton box.</p>

-Design and specifications are subject to change without notice.

- The projected images and comparison photos in this catalog are simulations.
- LCD panels, polarizers and other optical components and cooling fans may need replacement after prolonged usage. For more details, please consult a Hitachi sales representative.
- Do not use in places where there is a lot of water, dampness, steam, dust, soot or tobacco smoke. This may result in fire or malfunction.
- Optical components (lamp, LCD panel, polarizing plate, PBS [polarizer beam splitter]) have limited service lives. They must be repaired or replaced if they are used for a long period of time.
- These projectors use a mercury lamp with high internal pressure. Because of its properties, this lamp may burst with a loud noise or burn out if struck or after it has been used for a period of time. The time until it bursts or burns out varies greatly according to differences between lamps and usage conditions. Turning the lamp's power on and off frequently shortens its service life.
- Optical components other than the lamp: If the projector is used for six hours or more per day, they may need to be replaced in less than a year.
- LCD panel: If the projector is used continuously for six hours or more, its replacement cycle may be shortened.
- Do not turn projector on again for ten minutes after shutdown. Neglect can shorten the lifetime of the lamp. During use and immediately after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot.
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Dimensions						
CP-X5555 CP-X5550 CP-WX5505 CP-WX5500	466mm (18.3")		466mm (18.3")		337mm (13.3")	
	337mm (13.3")		339mm (13.3")		138mm (5.4")	
	138mm (5.4")		138mm (5.4")			
Projection Distance						
On a horizontal surface			Suspended from the ceiling			
CP-X5555 / CP-X5550 (1,024 x 768) (±8%)						
Screen type	Screen size		Projection distance a		Screen height	
	H	V	min.	max.	b	c
in.	m	in.	m	in.	cm	in.
60	1.2	48	0.9	36	1.7	65
80	1.6	64	1.2	48	2.2	88
100	2.0	80	1.5	60	2.8	111
120	2.4	96	1.8	72	3.4	133
150	3.0	120	2.3	90	4.3	168
200	4.1	160	3.0	120	5.7	224
250	5.1	200	3.8	150	7.1	281
300	6.1	240	4.6	180	8.6	338
CP-WX5505 / CP-WX5500 (1,280 x 800) (±8%)						
Screen type	Screen size		Projection distance a		Screen height	
	H	V	min.	max.	b	c
in.	m	in.	m	in.	cm	in.
60	1.3	51	0.8	32	1.7	69
80	1.7	68	1.1	42	2.4	93
100	2.2	85	1.3	53	3.0	117
120	2.6	102	1.6	64	3.6	141
150	3.2	127	2.0	79	4.5	177
200	4.3	170	2.7	106	6.0	237
250	5.4	212	3.4	132	7.6	298
300	6.5	254	4.0	159	9.1	358
CP-WU5505 / CP-WU5500 (1,920 x 1,200) (±8%)						
Screen type	Screen size		Projection distance a		Screen height	
	H	V	min.	max.	b	c
in.	m	in.	m	in.	cm	in.
60	1.3	51	0.8	32	1.7	68
80	1.7	68	1.1	42	2.3	91
100	2.2	85	1.3	53	2.9	115
120	2.6	102	1.6	64	3.5	138
150	3.2	127	2.0	79	4.4	173
200	4.3	170	2.7	106	5.9	231
250	5.4	212	3.4	132	7.4	290
300	6.5	254	4.0	159	8.8	348
Terminals						
* Equipped with CP-X5555, CP-WX5505, and CP-WU5505 only.						



Projectors perfect for large meeting rooms, lecture halls and auditoriums.



CP-X5555 / CP-WX5505 / CP-WU5505
CP-X5550 / CP-WX5500 / CP-WU5500

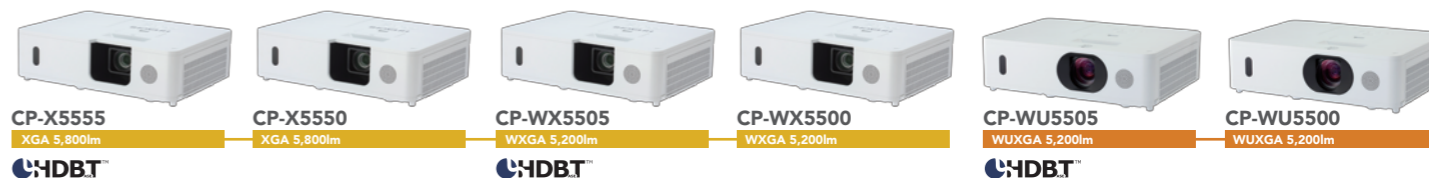
* Extron XTP: only for CP-X5555, CP-WX5505 and CP-WU5505. *Projected images are simulations



Mounting accessories are not included in the box.

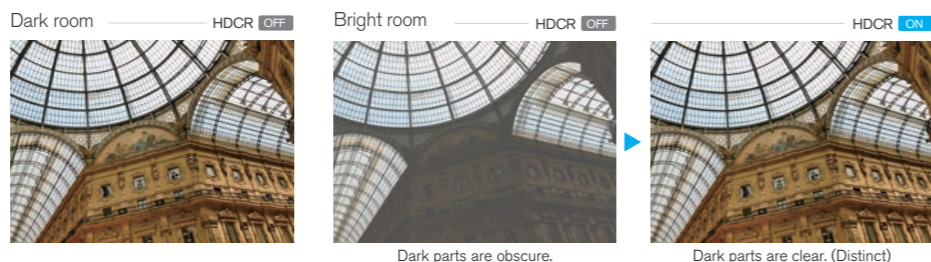
LINE UP

* Local availability may be limited.



HDCR (High Dynamic Contrast)

When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. This results in clear images even in bright rooms.



ACCENTUALIZER

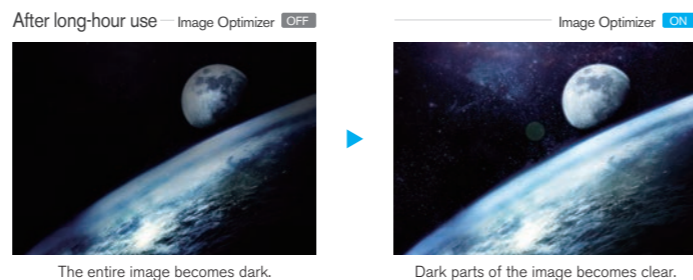
Hitachi original technology makes pictures look more real by enhancing (1) Shade, (2) Sharpness and (3) Gloss to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colors of projected images are the actual colors of the objects they represent.



Image Optimizer

Equipped with IMAGE OPTIMIZER, Hitachi's original function that maintains visibility of an image through automatic image correction in accordance with lamp consumption.

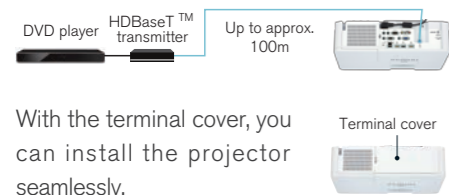
* This function may not work properly when HDCR/ACCENTUALIZER is ON.



Seamless Design

Equipped with HDBaseT™ input, capable of transmitting signals with no image degradation using standard LAN cables (Cat5e/6) of up to approx. 100m.

* For CP-WU5505/CP-WX5505/CP-X5555 only



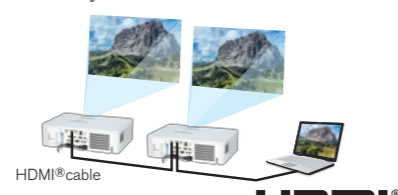
With the terminal cover, you can install the projector seamlessly.

* You may not be able to attach the terminal cover when cables and devices are connected to the connectors other than the HDBaseT terminal.



HDMI IN / OUT

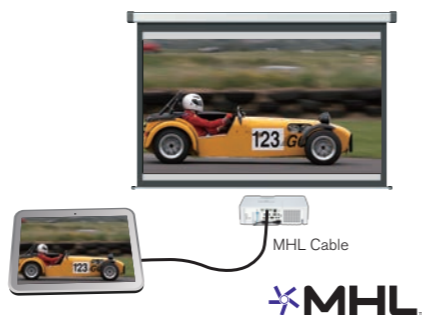
Equipped with two HDMI IN and one HDMI OUT terminals. The HDMI OUT outputs the signal from HDMI1 or HDBaseT input terminal, and allows to connect the projectors* in series in order to project the same images simultaneously.



* Up to 7 projectors can be connected in series for HDMI OUT terminal of this projector. The number of projectors that can be connected varies depending on a source device, cables, etc.

MHL®connectivity

The projectors' HDMI1 input terminal supports the MHL (Mobile High-Definition Link). This feature allows you to mirror the screen of your MHL-enabled smartphone / tablet on a projected screen.



Instant Stack

Instant Stack lets you place one projector on top of another to project the same image from both onto a screen for added brightness. Overlaying the image is made easier with built-in tools including RS-232C control, Perfect Fit, Lens Shift, test pattern, and stacking alignment peg holes.



* When stacking projectors, there are various precautions and function limitations you should be aware of. Please ask your dealer for details.

Dual mode

Turns on the projectors at the same time.

Alternate mode

Turns on the projectors alternately.



Backup function



When ALTERNATE is selected and an error occurs on one projector in operation, causing the lamp to turn off, the other projector in standby will automatically start to operate.

Edge Blending & Warping

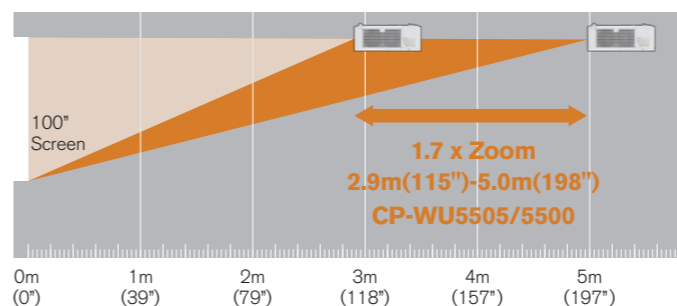
The multiple projectors allow to project one image on a huge curved screen by using the geometry correction and the edge blending functions simultaneously.



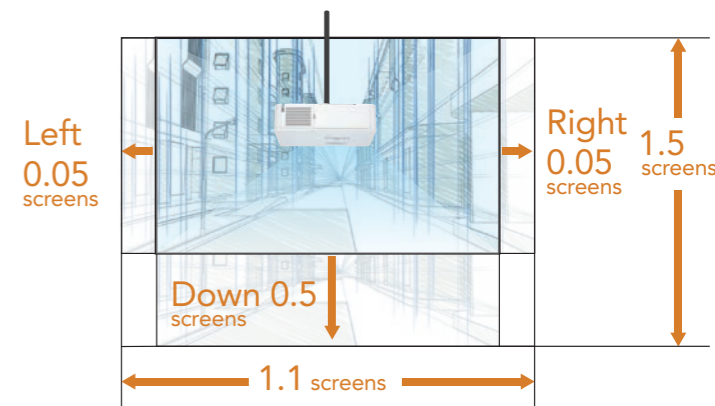
1.7 x Zoom*1 lens, Lens shift

Featuring a powerful 1.7x manual zoom lens, the projectors allow for a greater range of installation possibilities. Manually shift the lens horizontally and vertically, to position the image on the screen without causing keystone distortion.

CP-X5555 / CP-X5550 / CP-WX5505 / CP-WX5500 : 1.6x zoom



Lens shift area



* CP-WU5505 / CP-WU5500 : 0.044 screen to left or right (Total 1.088 screen)

Hybrid Filter

The projectors use a two-layer filter with an unwoven cloth and an HAF (High Air Flow) filter. The filter can last up to 10,000 hours* without cleaning, reducing maintenance time.



* Varies according to usage environment.

Other functions

- Convenient network
- Wireless capability (option)
- Smart device control & monitoring
- Direct Power On/Off
- Perfect fit
- PbyP / PinP
- DICOM® simulation mode
- Easy Scheduling Setting
- Wired Remote & Remote ID (option)